

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 15250/006001 U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/533483
INTERNATIONAL APPLICATION NO. PCT/JP2003/013899	INTERNATIONAL FILING DATE 30 October 2003	PRIORITY DATE CLAIMED 1 November 2002
TITLE OF INVENTION OPTICAL MULTIPLEXER/DEMULTIPLEXER AND MANUFACTURING METHOD FOR OPTICAL . . .		
APPLICANT(S) FOR DO/EO/US Koichi Furusawa et al.		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))

22511
 PATENT TRADEMARK OFFICE

 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). **(UNSIGNED)**
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☒ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information: Return Receipt Postcard

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FORM PTO-1390 (REV 02-2005)
98999

10/533483

JC20 Rec'd PCT/PTO 29 APR 2005

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 15250/006001

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV644973806US in an envelope addressed to:

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on April 29, 2005
Date



Signature

Beri W. Hartwell

Typed or printed name of person signing Certificate

n/a

Registration Number, if applicable

(713) 228-8600

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Application Data Sheet (5 pages)
Oath or declaration of the inventor(s) (**UNSIGNED**) (5 pages)
Transmittal Letter to the United States Designated-Elected Office (2 pages)
Payment by credit card. Form PTO-2038 is attached (1 page)
Charge \$9,940.00 to credit card
English language translation of the International application (230 pages)

10/533483

JC20 Rec'd PCT/PTO 29 APR 2005

PATENT APPLICATION
ATTORNEY DOCKET NO. 15250.006001

APPLICATION
FOR
UNITED STATES LETTERS PATENT

**TITLE: OPTICAL MULTIPLEXER/DEMULTIPLEXER AND
MANUFACTURING METHOD FOR OPTICAL
MULTIPLEXER/DEMULTIPLEXER**

**APPLICANTS: Koichi FURUSAWA, Kazuki FUKUDA,
Yoichi NAKANISHI, Masayusa OHNISHI,
Hirokazu TANAKA, Tetsuya ONISHI,
Ryo YAMAMOTO and Nobuki YAMASE**

22511

PATENT TRADEMARK OFFICE

"EXPRESS MAIL" Mailing Label Number: EV644973806US
Date of Deposit: APRIL 29, 2005